

UTILITY PATENT APPLICATION

COVER SHEET

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Title of Invention: **CD Stand**

## **TITLE OF THE INVENTION**

**CD Stand**

## **CROSS REFERENCE TO RELATED APPLICATIONS**

None

### **I. Background of the Invention**

#### **1. Field of Invention**

A pedestal CD stand for holding a plurality of compact disks includes a weighted pedestal base, a neck and a flanged CD support peg upon which the compact disks are placed in a stack, the flanged CD support peg having a central stem placed within the center holes of the compact disks, with a lower flange which is slightly larger than the center holes of the compact disk retaining the compact disks on the pedestal CD stand. A second embodiment of the pedestal CD stand includes a weighted base, a plurality of necks and a plurality of flanged CD support pegs arranged at different heights and angles for holding several stacks of compact disks. The CD stand may be placed upon a flat surface, or in alternate embodiments, attached to a wall as a sconce.

#### **2. Description of Prior Art**

The following United States patents were discovered and are disclosed within this application for utility patent. All relate to compact disk storage devices. These prior art CD holders tended to relate to two modes of compact disk storage. First, there were several design patent noted which merely hold CD jewel cases in a stacked arrangement vertically or horizontally. These type devices are shown by example in U.S. Patents No. 5,590,770 to Yeh, D467,763 to Hsieh, D470,001 to Munroe, II, D462,223 to Beer, D452,405 to Karlsson and D371,036 to Sandberg.

Second, there were types of CD holders that formed a sleeve within which an individual CD

is stored, some having clear display, as noted in U.S. Patents No. D435,118 to O'Mullane, D356,453 to Fossier, and D379,896 to Friedman. a fixed position pedestal incorporated into a CD jewel box or container is also disclosed in D451,299 to Cheng for holding a CD within a case, shown best in FIG. 8 of that patent.

5           The present CD stand allows for the display and stacking of multiple compact disks, not within the accompanying case, in a manner in which only the center hole in the disk is engaged by the central stem with the outer perimeter of the center hole, engaged by the lower flange, elevated above a surface upon which the CD stand is placed, or away from the wall where it is hung, preferably at or near the location of the CD player or computer where it is generally used.

## 10       II. Summary of the Invention

          Current CD holders and stands which are able to hold multiple CD's are generally embodied into several types of devices. There are those that allow for the storage of the CDs in their encasements, which requires a substantial amount of space. Other devices allow for the CDs to be removed from their plastic cases and stored in plastic sleeves and even bound into magazines for  
15       carrying CDs. CDs may also be stored in stacked cases on a singular large container, as in the type of case that CD-ROMs are sold, with the bottom most CD resting flat with the other CDs stacked upon the first CD. These serve utilitarian purpose, but are generally of no aesthetic value, are not intended for hanging on a wall, nor are they provided to retain a stack of CDs in a manner providing minimal contact with the disk surfaces.

20           The primary objective of the present CD stand is to provide a device allowing for the retention of multiple stacked CDs with minimal contact between the CD and the stand, restricting contact to areas of the CD where information is not stored. A secondary objective of the CD stand

is to provide for the storage of multiple CDs with a nominal amount of table space or wall space required to support the CD stand. A third objective of the CD stand is to provide the CD stand with a variety of shaped flanged support pegs, a variety of finishes and a variety of styles to make the presentation of the CD stand suitable to a variety of differing tastes of the potential users.

### III. Description of the Drawings

The following drawings are submitted with this utility patent application.

Figure 1 is a perspective view of the first embodiment of the CD stand.

Figure 2 is a side view of the first embodiment of the Cd stand.

Figure 3 is a perspective view of the second embodiment of the CD stand for a horizontal surface.

Figure 4 is a side view of the second embodiment of the CD stand for a horizontal surface.

Figure 5 is a perspective view of the second embodiment of the second embodiment of the CD stand for a vertical surface.

Figure 6 is a side view of the second embodiment of the CD stand as applied to a vertical surface.

Figure 7 is a top perspective view of the third embodiment of the CD stand.

Figure 8 is a top view of the base of the third embodiment of the CD stand.

Figure 9 is a side view of the flanged CD support peg of the third embodiment.

Figure 10 is a top view of the flanged CD support peg of the third embodiment.

Figure 11 is a bottom view of the flanged CD support peg of the third embodiment.

Figures 12-15 are top views of several different geometric designs for the separate central stem and the separate lower flange.

#### IV. Description of the Preferred Embodiment

A CD stand for storing and displaying compact disks or DVDs, hereinafter referenced as a CD **100**, is provided in several different embodiments, but basically is provided as shown in FIGS. 1-11 of the drawings as comprising a weighted base **20a, 20b 20c**, at least one elongated neck **40a, 40b, 40c** and at least one flanged CD support peg **60a, 60b, 60c**, the base **20a, 20b, 20c** being suited for placement on a flat surface, with the flanged CD support peg **60a, 60b, 60c** having a central stem **62a, 62b, 62c** adapted to hold a stack of CDs through a central hole **102** in the CDs and a lower flange **64a, 64b, 64c**, slightly larger than the central hole **102** of the CD **100**, supporting the stack of CDs **100** at an angle.

In a first embodiment, shown in FIGS. 1 and 2 of the drawings, the CD stand is intended for use on a horizontal surface. The base **20a** is substantially larger than the neck **40a** of the CD stand to avoid tipping of the CD stand and the base **20a**, neck **40a** and flanged CD support peg **60a** are cast as an integrated singular structure. The base **20a** and neck **20b** may be a smooth texture or an artistically carved texture with an ornamental design having no function, but having an aesthetic character. The flanged CD support peg **60a** has a smooth tapered central stem **62a** adapted to hold at least ten CDs **100** in a stacked arrangement. A slight angle, preferably approximately 30 degrees from horizontal, is given to the lower flange **64a**, thus holding the stacked CDs **100** at an approximate 30 degree angle from a horizontal surface, as indicated in FIG. 2.

Any color or print may be used to adorn this embodiment of the CD stand. A separate lower flange **65 a-d** may be a separate component from a separate central stem **63 a-d** slipping over the central stem **63 a-d** seated atop the neck **40 a-c**. This allows for multiple embodiments of this separate lower flange **65 a-d**, shown in FIGS. 12-15, being any shape, including a star, square, circle,

or other geometric shape or design. The separate central stem may also be of any geometric shape as long as the overall size of the separate central stem **63 a-d** may be fitted within the central hole **102** of the CD **100**.

A second embodiment, shown in FIGS. 3-4 of the drawings, is also intended for use on a horizontal surface. In this embodiment, the base **20b**, neck **40b** and flanged CD support peg **60b** are preferably separately cast members. The base **20b** is generally a flat disk with an angled slot **22b** in an upper surface **24b** within which is inserted a lower end **42b** of the neck **40b**. An upper end **44b** of the neck **40b** is inserted within a lower surface **66b** of the flanged CD support peg **60b**, the base **20b**, neck **40b** and flanged CD support peg **60b** forming somewhat of a Z-configuration when assembled. The lower flange **64b** is also given an angle from horizontal, which may be between 30 and 60 degrees. The central stem **62b** may be presented as a rounded cylinder as opposed to a smooth taper of the first embodiment.

In this second embodiment, a face and head **45**, FIGS. 3 and 4, may be incorporated into the neck **40b** consistent with a famous artist, composer or celebrity figure, and any color or print may be used to adorn this second embodiment. A separate lower flange **65 a-d** may also be presented as a separate component from a separate central stem **63 a-d**, again shown in FIGS. 12-15.

This second embodiment may also be adapted to a vertical mounting, shown in FIGS. 5-6 of the drawings, similar to a wall sconce. In this event, the base **20b** may be modified by the incorporation of an attaching means **28** into a lower surface **26b** of the base **20b**. This attaching means **28** may be a hook, a hanging slot or the application of an adhesive to the lower surface **26b**. The flanged CD support peg **60b** should be oriented with the central stem **62b** point relatively upward, as in FIGS. 5-6..

A third embodiment of the CD stand, shown in FIGS. 7-11 of the drawings, includes the base 20c, a plurality of necks 40c and a plurality of flanged CD support pegs 60c, allowing for placement of multiple stacks of CDs 100 on the CD stand. In this embodiment, adapted for use on a horizontal surface, the base 20c, FIG. 8, has an upper surface 24c with a plurality of holes 22c, each hole 22c receiving a lower end 42c of a neck 40c, which is best presented as a cylindrical stick in this third embodiment, FIG. 7. The upper end 44c of each neck 40c is inserted within a hole 68 in a lower surface 66c, FIG. 11, of each paired flanged CD support peg 60c. The holes 22c in the upper surface 24c of the base 20c are angled to allow the plurality of necks 40c to be angled away from each other, each neck 40c also being of a different length than any other neck to prevent overlap of CDs 100 contained on each flanged CD support peg 60c. Various views of each of the flanged CD support pegs are shown in FIGS. 9-11 of the drawings.

While the invention has been particularly shown and described with reference to a preferred embodiment thereof, it will be understood by those skilled in the art that changes in form and detail may be made therein without departing from the spirit and scope of the invention.

**What is claimed is:**